History of the Los Angeles River and the Drought Impacts

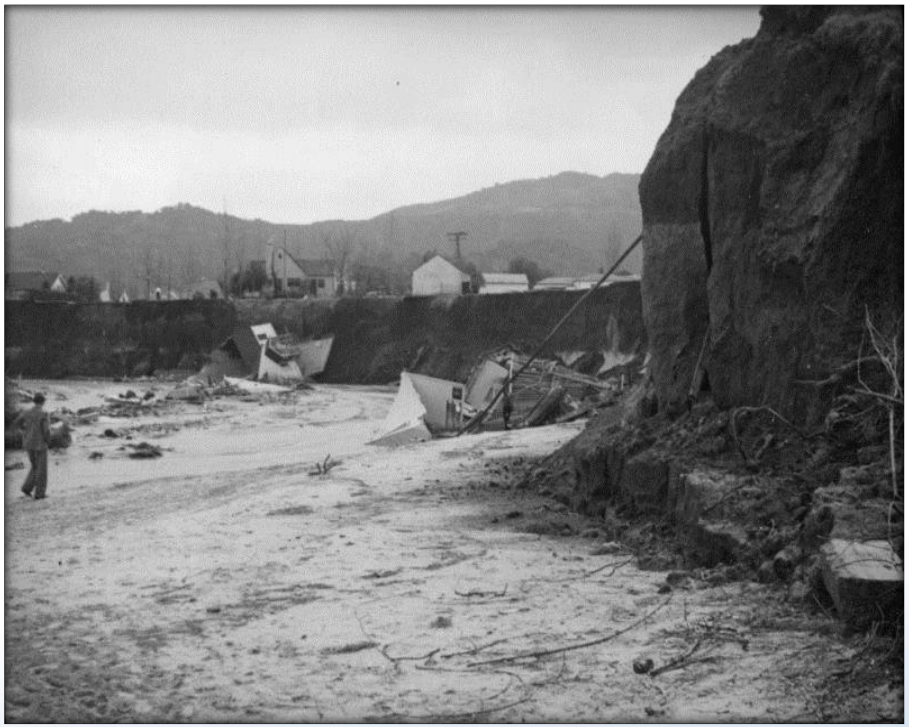
Richard Gomez Civil Engineer
Los Angeles County Flood Control District

Historical and Current Alignment

LA River prior to channelization (1937)

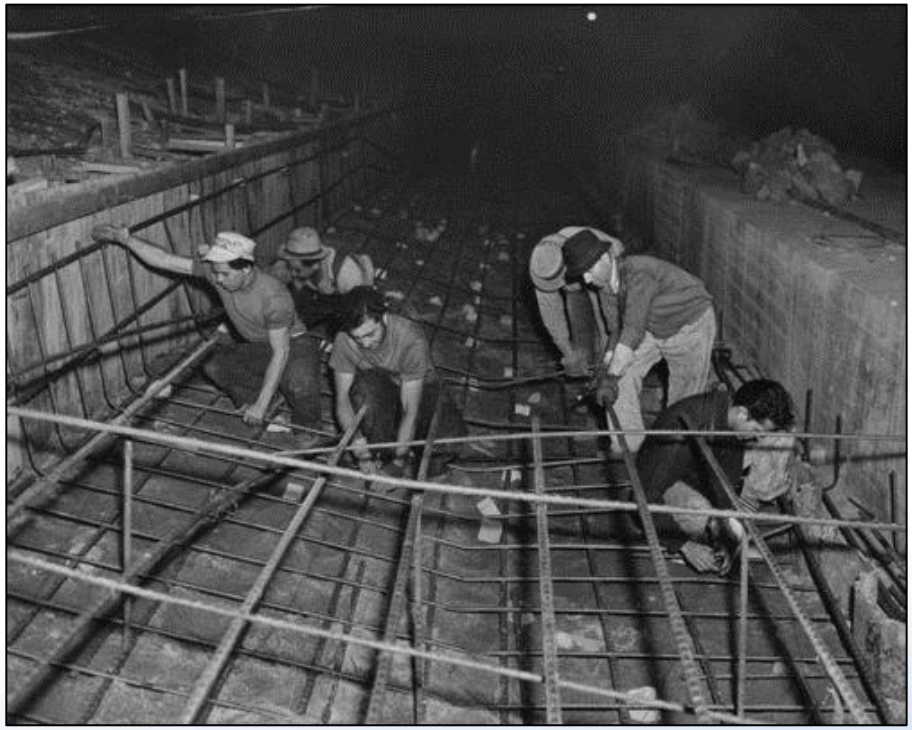
Historical Flooding

Flooding in 1914:$1 billion worth of damages in today's dollars



Flooding in 1938: $1.62 billion worth of Damages in today's dollars

Channelization of River

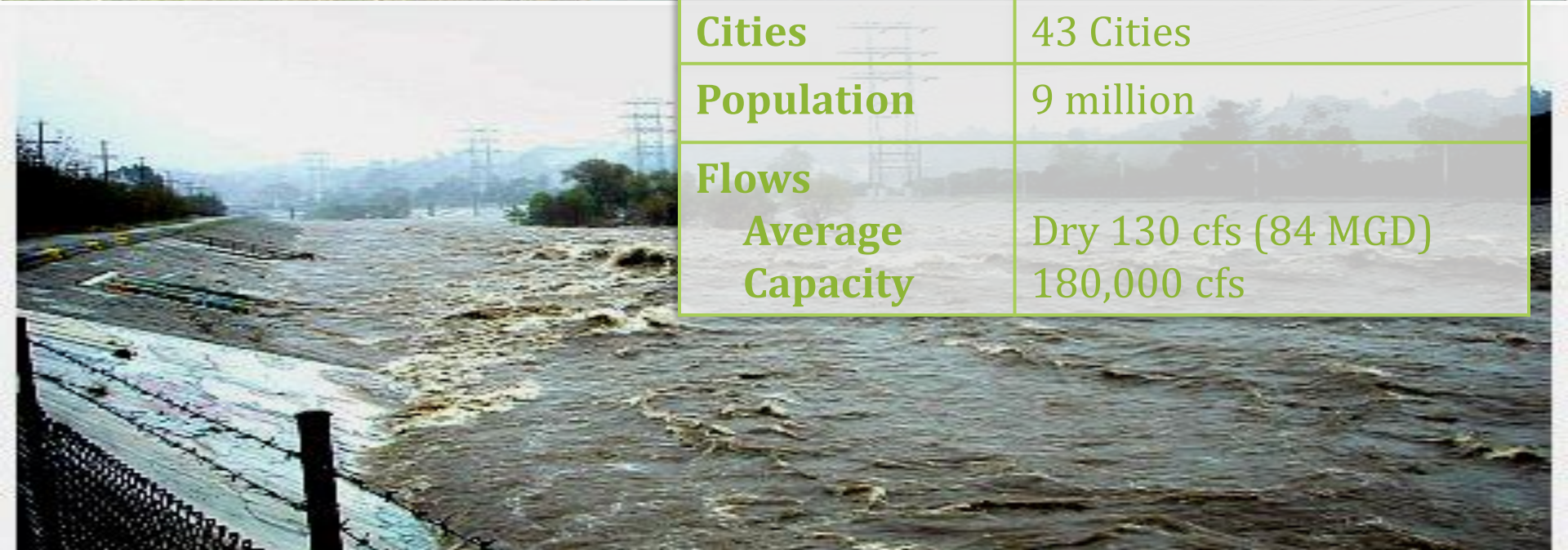


1938: Workers began building the channel

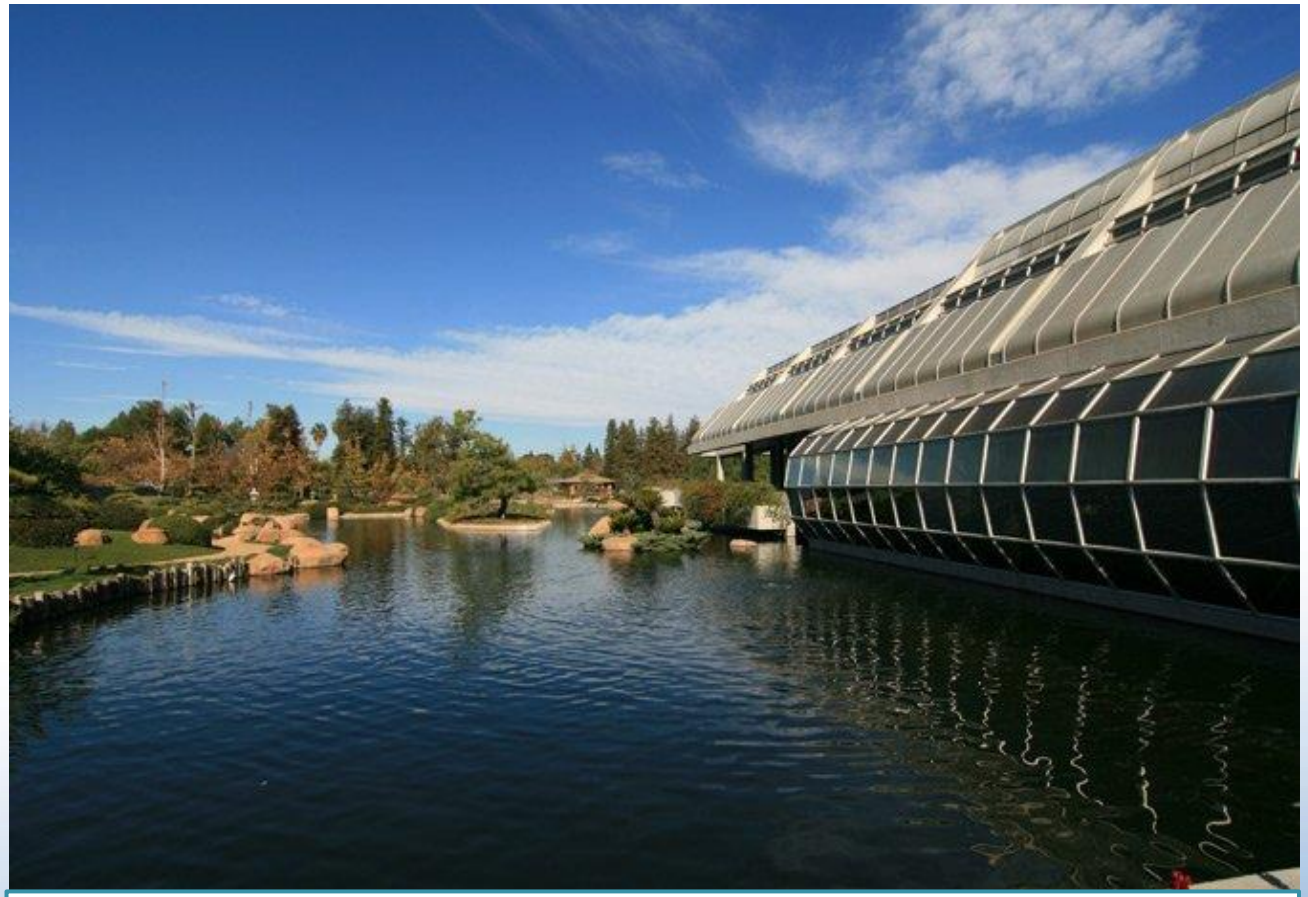
1938: Workers rushing to finish the flood control, at the Twenty Third Street Bridge.

The Los Angeles River

LA RIVER CHARACTERISTICS	
Watershed Size	834 square miles
Length	51 miles
Cities	43 Cities
Population	9 million
Flows **Average** **Capacity**	 Dry 130 cfs (84 MGD) 180,000 cfs



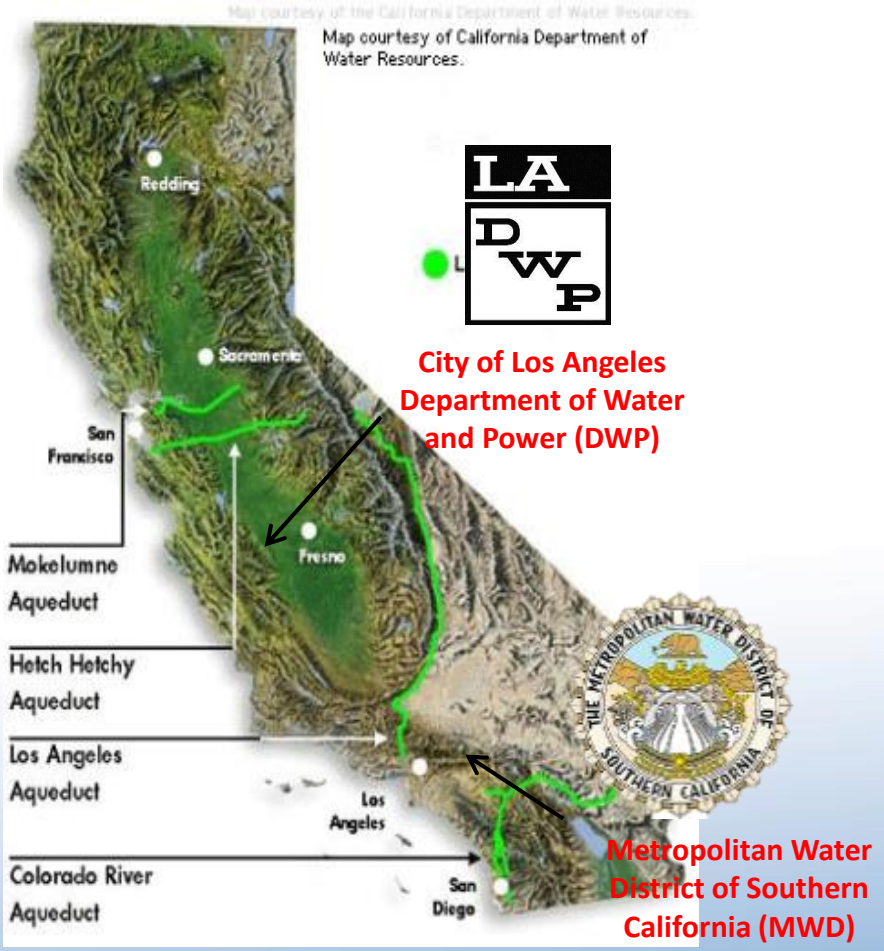
Water Sources: Los Angeles River

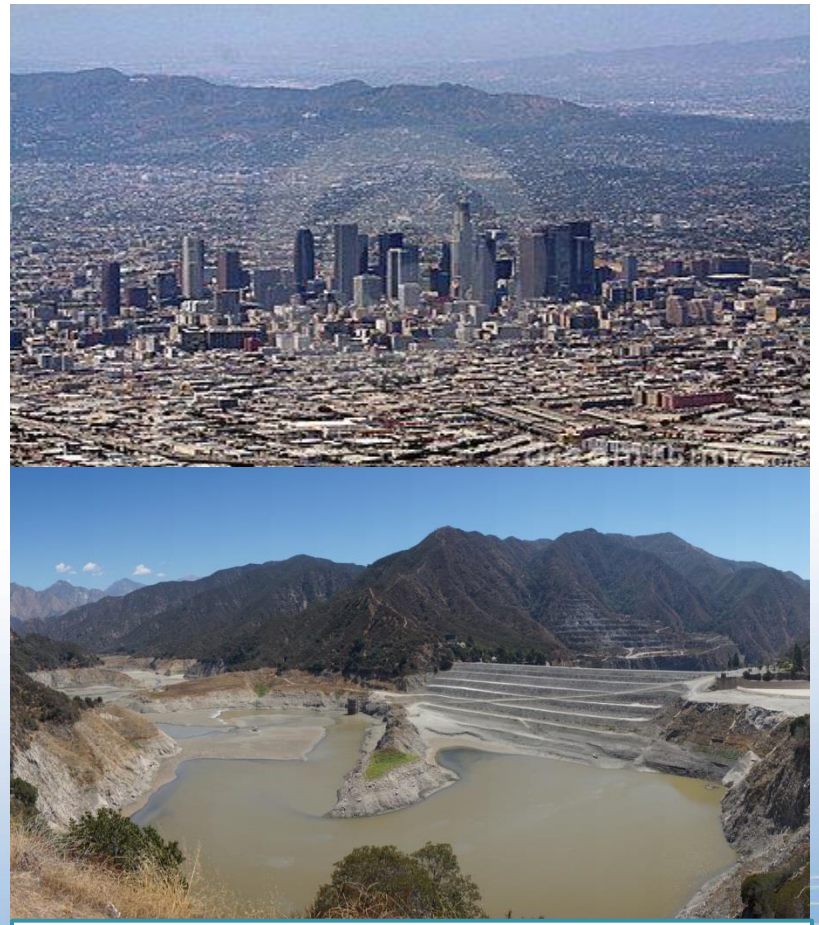


Tillman Water Reclamation Plant

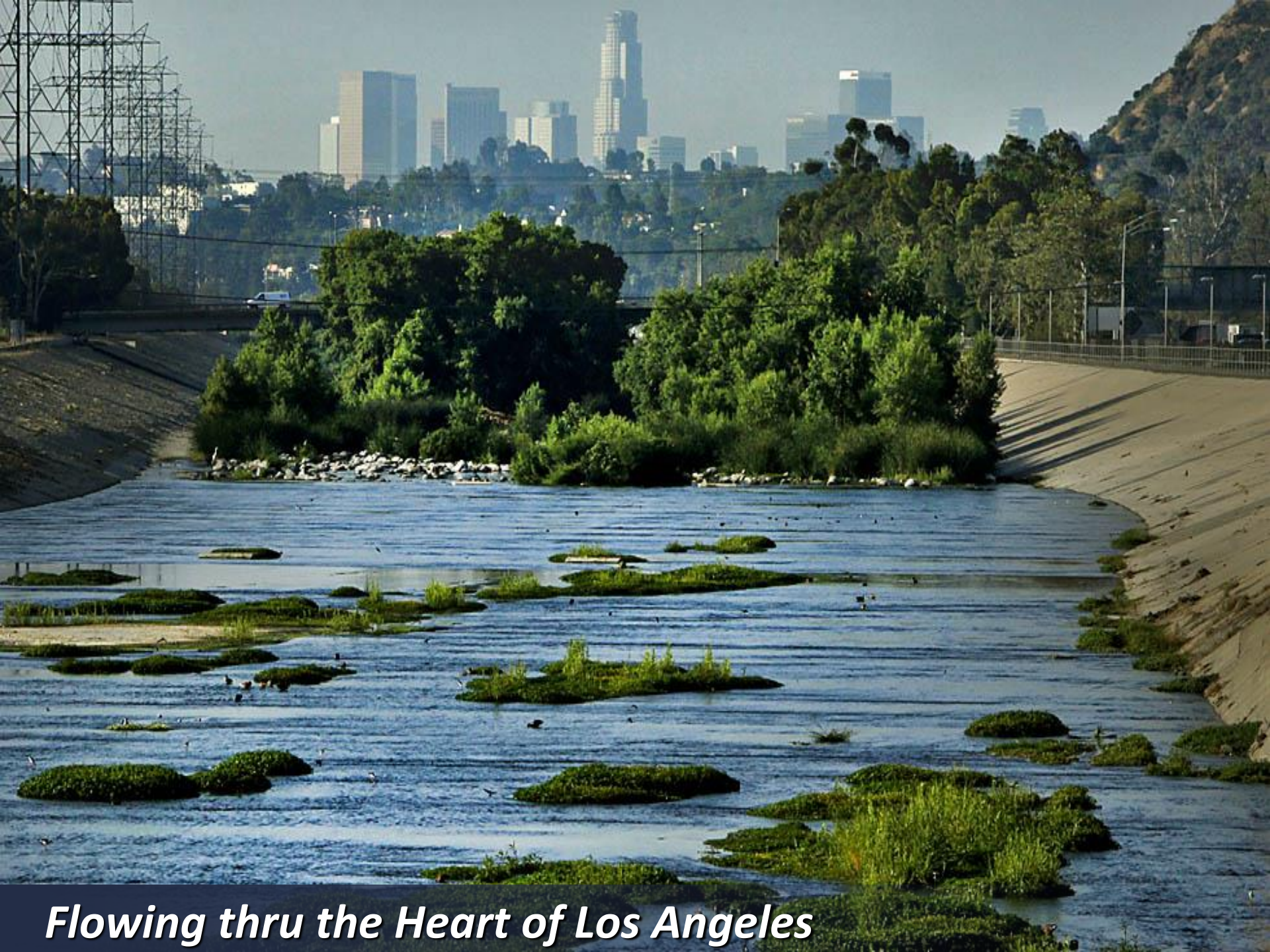
- Tillman Water Reclamation Plant
  - 80 million gallons per day
- Burbank Water Reclamation Plant
  - 10 million gallons per day
- Glendale LA Reclamation Plant
  - 10 million gallons per day

Drought Impacts





San Gabriel Reservoir – 4/29/2015



Flowing thru the Heart of Los Angeles

LOS ANGELES RIVER

MASTER PLAN

1996

LOS ANGELES RIVER

MASTER PLAN

Sign Guidelines

August 2003

Prepared for: County of Los Angeles
Department of Public Works

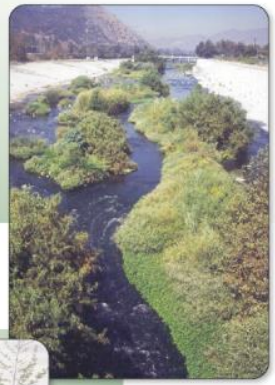
Prepared by: Mountains Recreation &
Conservation Authority

LOS ANGELES RIVER MASTER PLAN

LANDSCAPING GUIDELINES
AND PLANT PALETTES

January 2004

PUBLIC WORKS



Flood Control

Water Conservation

Multi-benefit Projects

Questions?

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